

System for Using TV/Radio Stations for Broadcasting Digital Codes In Order to Automatically Activate A Receiver to Notify the Public of Emergency Information

Abstract

The present invention provides a means of using transmitted radio and/or TV signals to automatically turn on a receiver in order to broadcast emergency information. It is comprised of a radio or TV transmitter that has the capability of broadcasting a digital code, and a receiver capable of interpreting the code and automatically turning on if the code tells it to do so.

Brief Summary

The system was designed to provide 24 hour emergency notification capability on a local level. There are several systems that provide such capability, but most are based on national emergency systems. This system gives control to local broadcasters, more closely in communication with the viewing/listening community. Furthermore, this system has over 60,000 codes which can be broadcast. These codes are broadcast using TDM (time division multiplexing) and allow the broadcaster to divide up the viewing/listening area with much greater geographical resolution than what other nationwide systems allow.

Background of the Invention

There have been several emergency notification systems developed in the past. First was Conelrad. A recent version is the EBS (emergency broadcast system). This was set up by the U. S. government and was originally intended to have an automated turn on feature. However, for whatever reason, the proliferation of the system, especially pertaining to availability to the general public, has not been widespread. It is not known if one can buy a radio/TV that would automatically turn on based on the transmitted signal of the old EBS system.